

insulator layer 66 is maintained relatively thin in order to not reduce fly height air gap 72 space and maintain high C_2 capacitance. As the remaining current from I_1 and I_2 enters C_2 , C_2 charges adjusting the potential at C_2 which in turn activates the fly height actuator 78. Fly height actuator 78 adjusts the fly height 72 as the potential at C_2 changes directly proportional to the voltage V_{FH} supplied to first electrode layer 68 by the fly height controller 73.

REMARKS

This Preliminary Amendment is submitted for entry in the above-identified application prior to an Examiner undertaking a first Action in connection therewith.

The Commissioner is authorized to charge any additional fees associated with this paper or credit any overpayment to Deposit Account No. 11-0982.

Respectfully submitted,

KINNEY & LANGE, P.A.

Date:

11/17/03

By:



David R. Fairbairn, Reg. No. 26,047

THE KINNEY & LANGE BUILDING

312 South Third Street

Minneapolis, MN 55415-1002

Telephone: (612) 339-1863

Fax: (612) 339-6580

DRF:dkm